What is claimed is:

1. A method, comprising:

    receiving, at a subscriber interface line card, an analog signal from a POTS subscriber loop circuit;

    quantizing the analog signal into a plurality of digital samples;

    encoding the plurality of digital samples via codec instructions running on a digital signal processor installed on the subscriber interface line card; and

    converting, via conversion instructions running on the digital signal processor, the encoded plurality of digital samples to a plurality of VoATM packets.

2. The method of claim 1, further comprising:

    sampling the received analog signal into a plurality of samples.

3. The method of claim 1, further comprising:

    digitizing a plurality of samples obtained from the received analog signal.

4. The method of claim 1, further comprising:

    providing a destination address to each of the plurality of packets.

5. The method of claim 1, further comprising:

    providing the plurality of VoATM packets to a VoATM packet interface.

6. The method of claim 1, further comprising:

    via instructions running on the digital signal processor, performing echo cancellation on the encoded plurality of digitized samples.

7. The method of claim 1, further comprising:

    via instructions running on the digital signal processor, performing echo suppression on the encoded plurality of digitized samples.

8. The method of claim 1, further comprising:

    via instructions running on the digital signal processor, compressing the plurality of digitized samples.

9. The method of claim 1, further comprising:

    via instructions running on the digital signal processor, modulating the plurality of digitized samples.

10. The method of claim 1, further comprising:

    via instructions running on the digital signal processor, pulse-code-modulating the plurality of digitized samples.

11. The method of claim 1, further comprising:

    via instructions running on the digital signal processor, converting an out-of-band signal associated with the analog signal to an out-of-band packet format.

12. The method of claim 1, further comprising:

    via instructions running on the digital signal processor, converting an out-of-band DTMF signal associated with the analog signal to an out-of-band packet format.

13. The method of claim 1, further comprising:

    via instructions running on the digital signal processor, converting an out-of-band fax signal associated with the analog signal to an out-of-band packet format.

14. The method of claim 1, further comprising:

    via instructions running on the digital signal processor, converting a voice-band modem signal associated with the analog signal to an out-of-band packet format.

15. The method of claim 1, further comprising:

    via instructions running on the digital signal processor, suppressing comfort noise samples associated with the analog signal.

16. The method of claim 1, wherein the subscriber line card is adapted to be installed at a central office to simultaneously support legacy CPE and electronic loop provisioning.

17. The method of claim 1, wherein the subscriber line card is adapted to be installed in a central office switch.

18. The method of claim 1, wherein the subscriber line card is adapted to be installed in a remote terminal of a central office switch.

19. A subscriber interface line card comprising:

a POTS subscriber loop circuit interface adapted to receive an analog signal from a POTS subscriber loop circuit and quantize the analog signal into a plurality of digital samples;

codec instructions stored on the subscriber interface line card, adapted to run on a digital signal processor coupled to the POTS subscriber loop interface, and adapted to encode the plurality of digital samples; and

conversion instructions stored on the subscriber interface line card, adapted to run on the digital signal processor, and adapted to convert the encoded plurality of digital samples to a plurality of VoATM packets.

20. A machine-readable medium storing instructions for activities comprising:

receiving, at a subscriber interface line card, an analog signal from a POTS subscriber loop circuit;

quantizing the analog signal into a plurality of digital samples;

encoding the plurality of digital samples via codec instructions running on a digital signal processor installed on the subscriber interface line card; and

converting, via conversion instructions running on the digital signal processor, the encoded plurality of digital samples to a plurality of VoATM packets.